

- ▶ RICHARD KAYE AND TIN LOK WONG, *Generic cuts in models of arithmetic*.
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In an earlier paper [1], the first author initiated the study of generic cuts of a model of Peano Arithmetic (PA) relative to a notion of an indicator in the model. We generalize this notion so that the theory can be extended to one that includes the case of elementary cuts. The theorem that generic cuts exist in countable arithmetically saturated models of PA is reproduced in the new context. We report on a new result concerning a description of truth in the structure (M, I) , where I is a generic cut of a model M of PA. This work relates to open questions raised by Roman Kossak on free cuts [2].

[1] RICHARD KAYE, *Generic cuts in models of arithmetic*, ***Mathematical Logic Quarterly***, vol. 54 (2008), no. 2, pp. 128–144.

[2] ROMAN KOSSAK, *Four problems concerning recursively saturated models of arithmetic*, ***Notre Dame Journal of Formal Logic***, vol. 36 (1995), no. 4, pp. 519–530.